

Title (en)

Pricking method and hand held device therefore

Title (de)

Verfahren zum Erzeugen einer Einstichwunde und dafür geeignetes Handgerät

Title (fr)

Procédé et dispositif portable de piqûre

Publication

EP 1759635 A1 20070307 (DE)

Application

EP 05019190 A 20050903

Priority

EP 05019190 A 20050903

Abstract (en)

Method involves an opening to be produced on the skin, on the point of the hole, on the epidermis in the skin-opening step. A sample obtaining hole is created by means of a pricking element, wherein the skin opening is deepened by means of the pricking element and then the hole is produced. Thereby, a temporal distance of 1 msec to 1 sec is kept between skin-opening step and sample obtaining step. An independent claim is also included for hand held unit with drive to move pricking element and controller for movement control of element.

IPC 8 full level

A61B 5/15 (2006.01)

CPC (source: EP US)

A61B 5/150022 (2013.01 - EP US); **A61B 5/150068** (2013.01 - EP US); **A61B 5/150152** (2013.01 - EP US); **A61B 5/150175** (2013.01 - EP US); **A61B 5/150419** (2013.01 - EP US); **A61B 5/150427** (2013.01 - EP US); **A61B 5/150511** (2013.01 - EP US); **A61B 5/15123** (2013.01 - EP US); **A61B 5/1519** (2013.01 - EP US); **A61B 5/15194** (2013.01 - EP US); **A61B 5/157** (2013.01 - EP US); **Y10T 83/0481** (2015.04 - EP US)

Citation (search report)

- [X] US 6743211 B1 20040601 - PRAUSNITZ MARK R [US], et al
- [X] EP 1090584 A2 20010411 - ROCHE DIAGNOSTICS GMBH [DE]
- [DX] EP 1384438 A1 20040128 - ROCHE DIAGNOSTICS GMBH [DE], et al
- [DX] WO 03088824 A2 20031030 - PELIKAN TECHNOLOGIES INC [US], et al
- [X] US 2002082522 A1 20020627 - DOUGLAS JOEL S [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1759635 A1 20070307; AT E418289 T1 20090115; AU 2006286841 A1 20070308; AU 2006286841 B2 20091029; CA 2619746 A1 20070308; CN 101257850 A 20080903; CN 101257850 B 20100714; DE 502006002459 D1 20090205; EP 1921992 A1 20080521; EP 1921992 B1 20081224; ES 2317568 T3 20090416; HK 1124503 A1 20090717; JP 2009506809 A 20090219; US 2008208079 A1 20080828; US 8394117 B2 20130312; WO 2007025635 A1 20070308

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